

Title (en)

HANDLING AUTHENTICATION FAILURES IN WIRELESS COMMUNICATION SYSTEMS

Title (de)

HANDHABUNG VON AUTHENTIFIZIERUNGSFEHLERN IN DRAHTLOSKOMMUNIKATIONSSYSTEMEN

Title (fr)

GESTION DES PROBLÈMES D'AUTHENTIFICATION DANS DES SYSTÈMES DE COMMUNICATION SANS FIL

Publication

EP 3163927 B1 20190123 (EN)

Application

EP 16196089 A 20161027

Priority

US 201562247164 P 20151027

Abstract (en)

[origin: EP3163927A1] A method for handling authentication failures in a wireless communication system includes transmitting, by a user equipment (UE) and via a first cell, a first plurality of messages including at least one of AUTHENTICATION AND CIPHERING FAILURE messages or AUTHENTICATION FAILURE messages, where two or more of the first plurality of messages indicate at least one of synch failure or medium access control (MAC) failure, and where the UE includes at least one of a subscriber identity module (SIM) or universal SIM; receiving at least one of an AUTHENTICATION REJECT message or an AUTHENTICATION AND CIPHERING REJECT message subsequent to transmitting the two or more of the first plurality of messages indicating at least one of synch failure or MAC failure; and in response to receiving the at least one of an AUTHENTICATION REJECT message or an AUTHENTICATION AND CIPHERING REJECT message, transmitting an ATTACH message via a second cell.

IPC 8 full level

H04L 1/00 (2006.01); **H04L 69/40** (2022.01); **H04W 12/06** (2009.01); **H04W 36/00** (2009.01); **H04W 76/32** (2018.01); **H04W 84/04** (2009.01); **H04W 88/02** (2009.01)

CPC (source: EP US)

H04L 63/0853 (2013.01 - US); **H04L 63/0876** (2013.01 - US); **H04W 12/06** (2013.01 - EP US); **H04W 76/32** (2018.01 - EP US); **H04L 1/00** (2013.01 - EP US); **H04L 69/40** (2013.01 - EP US); **H04W 36/00** (2013.01 - EP); **H04W 84/042** (2013.01 - US); **H04W 88/02** (2013.01 - US)

Cited by

EP3913853A4; US12021867B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3163927 A1 20170503; **EP 3163927 B1 20190123**; US 2017118203 A1 20170427; US 9800578 B2 20171024

DOCDB simple family (application)

EP 16196089 A 20161027; US 201615335124 A 20161026